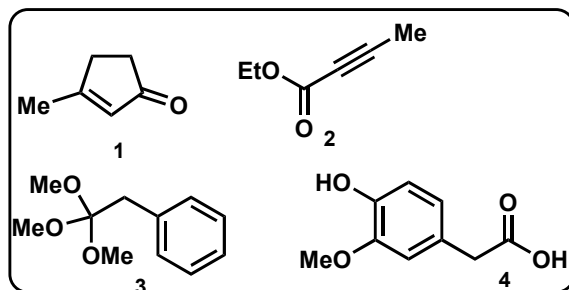
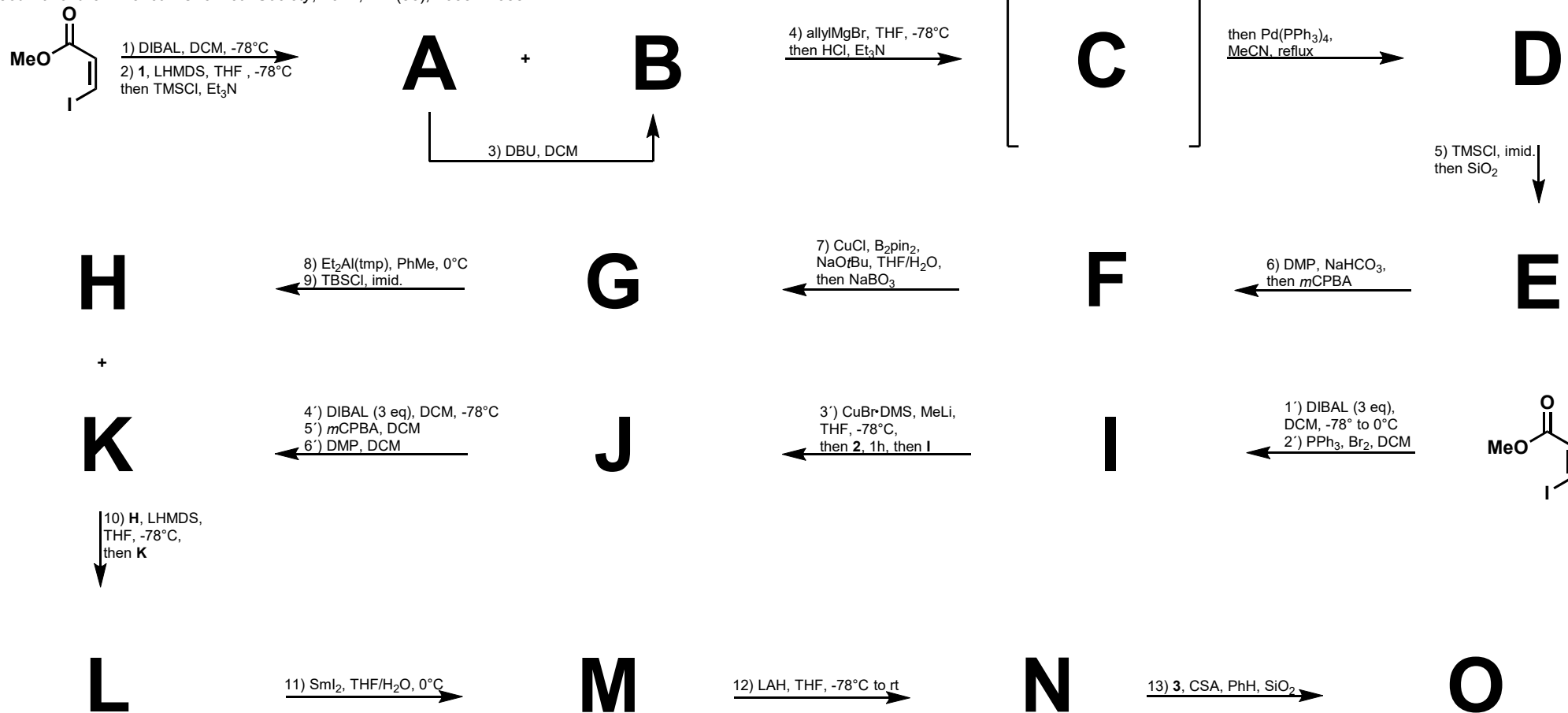


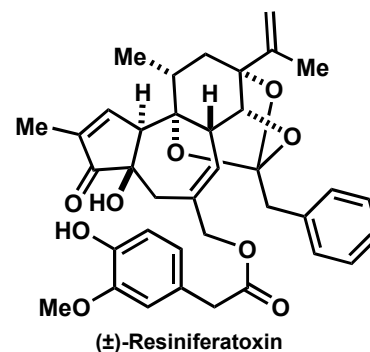
Total Synthesis of Resiniferatoxin

Journal of the American Chemical Society, 2022, 144(36), 16332-16337



hints:

molecular formula compound E: C₁₅H₂₄O₂Si
 11) 6-exo-trig cyclization, then 1,5 HAT process
 13) epoxide opening
 16) DBAD: di-*tert*-butyl azodicarboxylate



14) DMP, NaHCO₃
 15) TBAF, THF
 16) 4, DBAD, PPh₃, THF